



PATENT
Attorney Docket No. 03327.2314
CUSTOMER NUMBER 22,852

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Inventor: Koji IWASAWA

Application No.: 10/712,344

Filed: November 14, 2003

For: METHOD OF PREDICTING A
LIFETIME OF FILAMENT IN ION
SOURCE AND ION SOURCE
DEVICE

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) Group Art Unit: 2816
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) Examiner: Not assigned
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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

PRELIMINARY AMENDMENT

Prior to examination, please amend the above-identified application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the claims begin on page 3 of this paper and a clean
version of the entire set of claims is attached.

Remarks begin on a separate page following the claims.